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# ***Naval Space Reserve Program Overview Brief***

***November 2000***

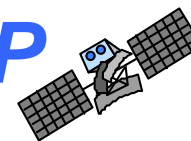
**CAPT Randy Nees  
CAPT Scott Granger**



# Naval Space Reserve Program

**NSRP**

Naval Space  
Reserve Program

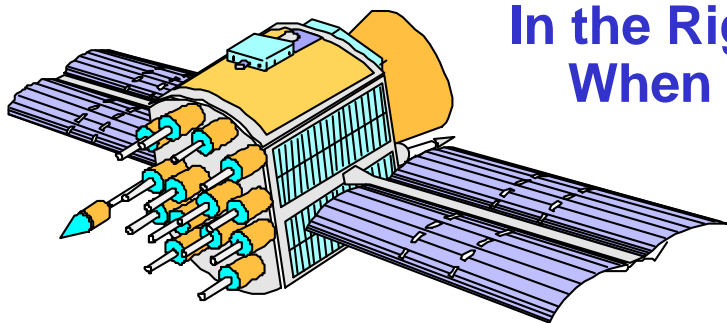


**A Component Program of the Naval Air Reserve Force. . .  
Space Warfare Professionals Supporting Naval and DoD  
Missions Through the Application of Space  
Systems and Capabilities.**

## End-to-End Focus

- Space Policy
- Concept Development/ACTD
- Systems Engineering
- Space Operations
- Warfare Integration
- Tactical Applications
- Education and Training
- Exercise Support
- Surge Augmentation

**NSRP Goal:  
The Right Talent  
In the Right Place  
When Needed...**





# Navy's Role in Space



- **Ensure that Naval Requirements for Space Capabilities are Included in National and DoD Space Programs**
- **Integrate Space Information into Naval Combat Systems and Operations**
- **Train & Equip Naval Forces to Use Space Information**

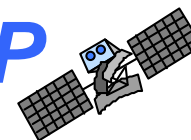




# Dual NSRP Mission Focus

**NSRP**

Naval Space  
Reserve Program

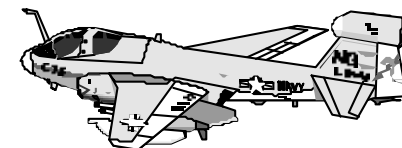
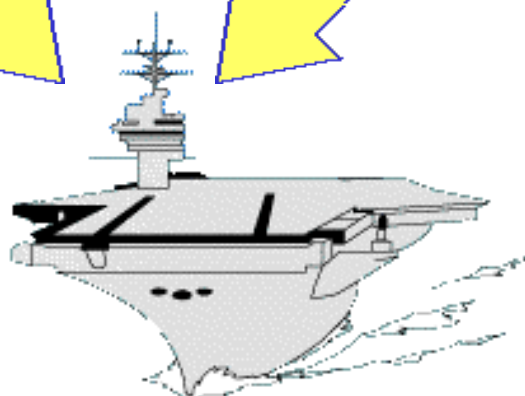
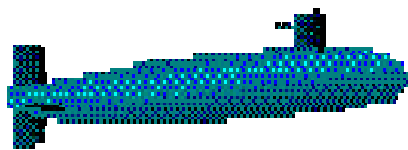


***“Bringing Space Down to  
Sea Level”***

Help to Provide the Space  
Information Needed by Naval  
Forces

***“Naval Warfare in the  
Information Age”***

Help to Integrate Space  
Information into Naval  
Combat Systems and  
Operations

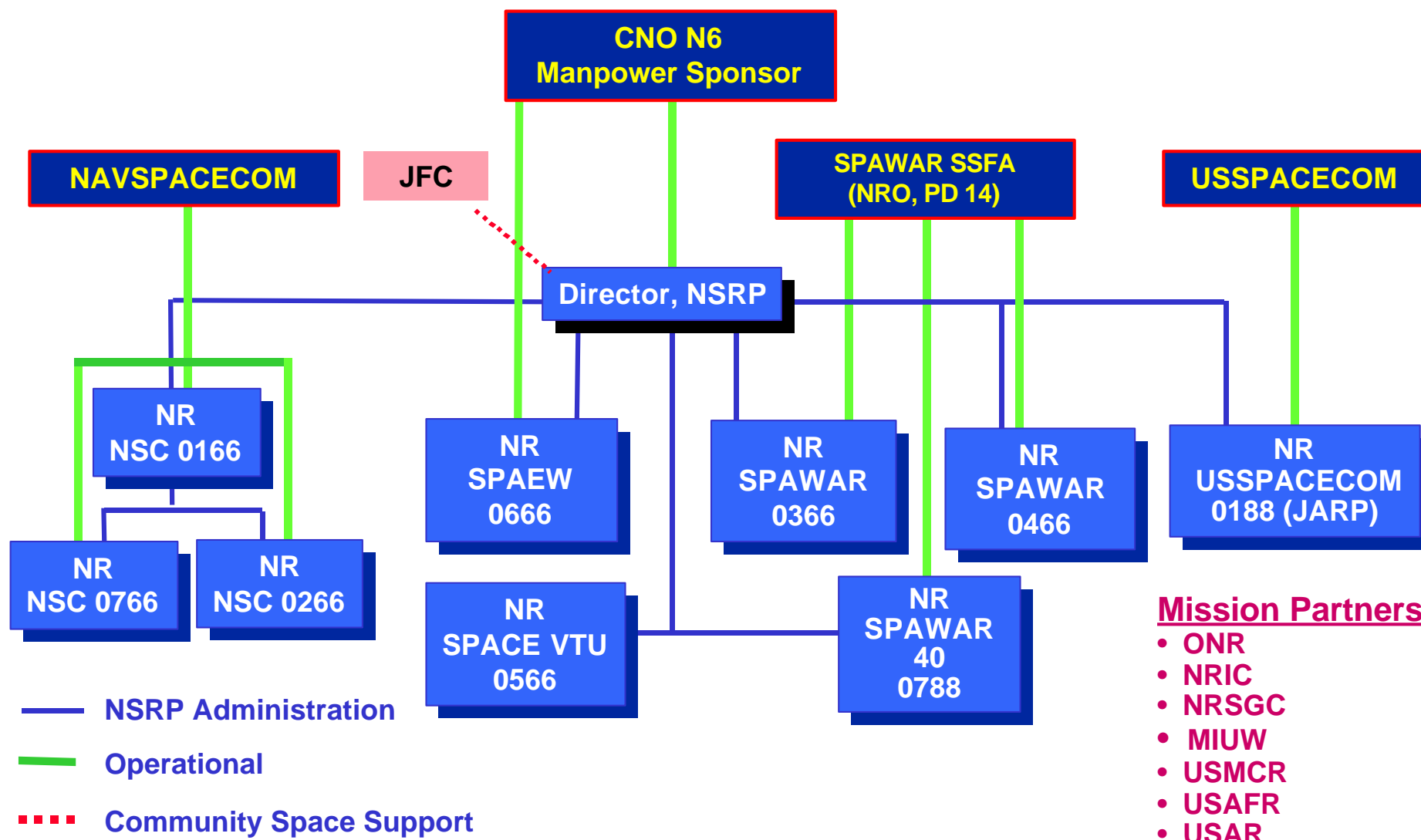
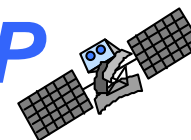




# NSRP Organization (Program 18; Nov 00)

## NSRP

Naval Space  
Reserve Program

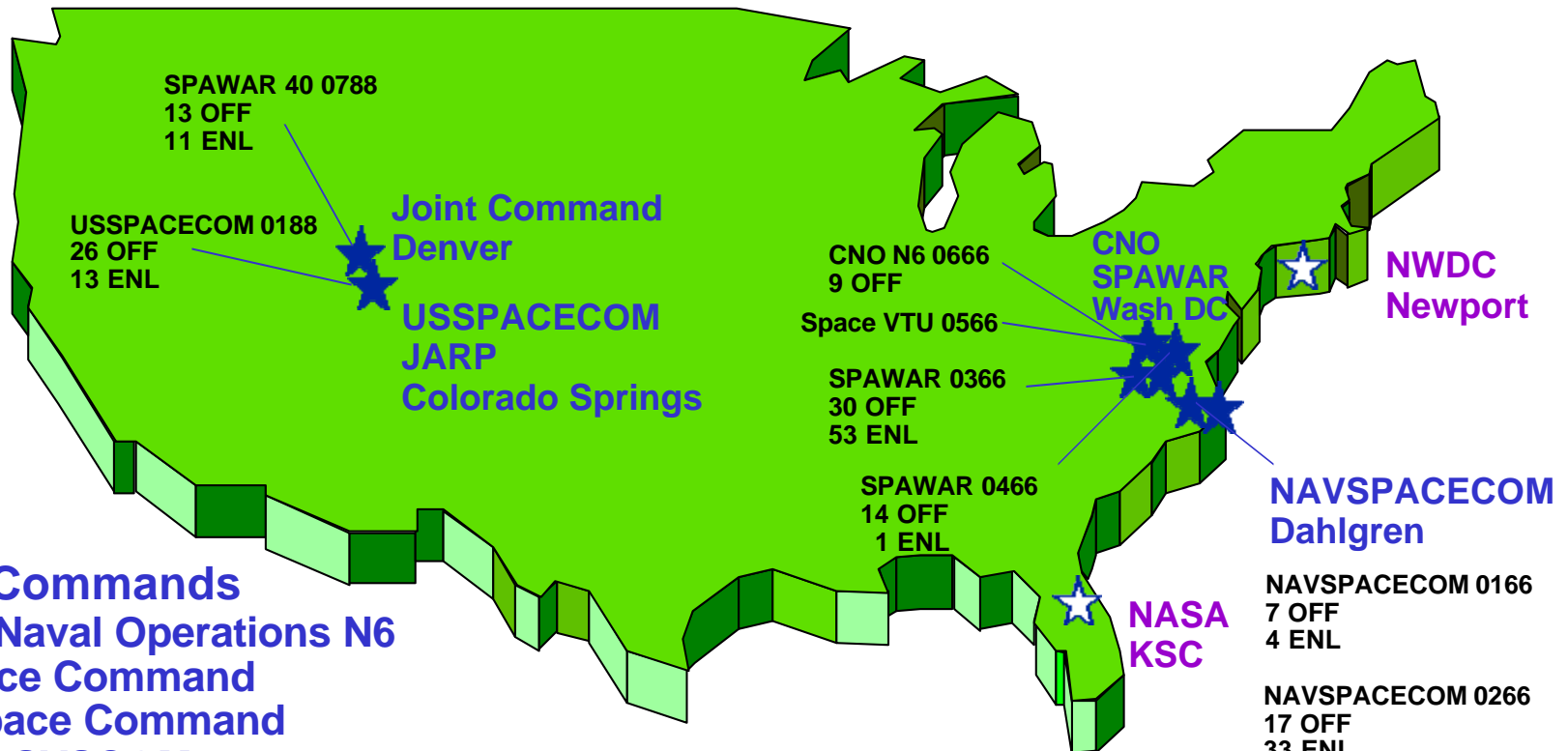
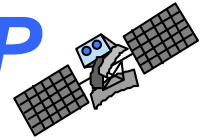




# NSRP Unit Distribution

## NSRP

Naval Space  
Reserve Program



### Gaining Commands

- Chief of Naval Operations N6
- U.S. Space Command
- Naval Space Command
- SPAWARSYSCOM
- National Reconnaissance Office
- NASA Kennedy Space Center (Det)
- Naval Warfare Development Center (Det)

**Program Total:**  
**135 Officer (132)**  
**137 Enlisted**  
**272 Total NSRP**



# NSRP HQ Staff



<http://nsrp.navspace.navy.mil/>



- **Director - CAPT Nees**
- **Deputy Director - CAPT Granger**
- **Operations - CDR Zini**
  - ADT / IDTT Budgeting, Tracking
  - Contributory Support Reporting
- **Manpower - CDR Reidy**
  - Personnel Manning, Accessions
  - NOBC, Qualification Training
- **Administration - CDR Brehany**
  - NSRP Policy Instruction
- **Info Manager - LCDR Manser**
  - Web Coordination
  - PAO
- **SEA - CTOCS Wiley**
  - Enlisted Leadership
- **CoS - CDR Anderson VTU CO**



# NSRP HQ Staff Functions



**Coordinate and Facilitate the Development, Administration and Operation of all Naval Space Reserve Program Units as a Community, in support of their Gaining Commands**

- CNARF Coordination
- Budget Planning and Tracking
- Training Standards
- Career Path Development
- Staffing/Personnel Mgmt
- Policy Development
- CNO N6 Sponsor Coordination
- Selection Boards
- Inter-Program Coordination
- Outreach / Growth Areas
- Community Thrusts
- Advocacy

**Be the NSRP “Type Commander / Functional Wing”**





# National Program Management



- Program Administration
  - NSRP Establishment Inst
  - 05/06 Selection Board
  - Space Symposiums
  - NSRP Policy Instruction
  - NSRP Contributory Support Reporting
  - Staff Assist Visits
  - Leadership Conferences
  - NSRP Sailor of the Year
- DIRCOM
- CO FitRep Reporting
- NSRP HQ Staffing

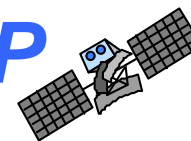




# NSRP Personnel Qualifications

**NSRP**

Naval Space  
Reserve Program



- **Officer Skills**
  - Unrestricted Line / Warfare Qualified
  - Restricted Line Specialists
- **Enlisted Skills**
  - Technical Ratings
  - Subject Matter Experts
- **Civilian Experience**
  - Government (DoD and Civil)
  - Commercial Aerospace Industry
  - C4ISR Expertise
  - Information Technology
- **Security Clearances**





# NSRP Personnel Qualifications



***“Qualified at the Senior Level...Qualifiable at the Junior Level.”***

- **Officer Skills**
  - Warfare Qualified: Air, Surface, Subsurface
  - Technically Qualified: Cryptology, Intelligence, Fleet Support, Legal, AEDO/EDO, Supply, Oceanographer
- **Enlisted Skills**
  - Operators and Maintainers: CT, IS, OS, DP, EW, RM Rates
- **Civilian Employment - Government & Space Industry Professionals**
  - Aerospace Systems Engineering, Integration and Operations
  - Information Technologies (Networks, Communications, Security)
  - Intelligence Community, National and DoD Space Policy
  - DoD Acquisition Programs
- **Security Clearances**
  - 90% have SBI / SCI
  - Over Half with Special Access

**The Navy has no Space Warfare Designator**





# Space Applications Focus



- Tactical Warfare Applications of Space (e.g., Strike, TBMD, and Littoral Warfare)
- Information Collection, Processing, Production, Exploitation, Dissemination and Tactical Applications (e.g., Sensor-to-Shooter)
- Advanced Technology Insertion and Concept Demonstration (e.g., Hyperspectral Sensing, Littoral Surveillance System)
- Space Info Training and Education, WarGames, Simulation
- Space Systems Operation (On-Orbit, Ground Systems)
- Information Technology (Comms, Networks, GIS)
- National, DoD Space Plans and Policies





# Program Affiliation: Extending Our Resource Base



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## NSRP Has Established Relationships for Augmentation by / with the Following:

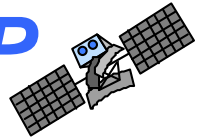
- COMNAVRESINTCOM: NRCIS Program
  - Headquarters Marine Corps (USMCR): Electronic Warfare/C4I
  - USAFR ACC: Operations Support
  - USAFR 497th IG: Operations Support
  - USAR 704th MI Brigade, Fort Meade: Operations Support
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- MoU with ONR: S&T Applications / Technology
  - MoU with MIUW Group: LSS
  - MoU with NRSGC (pending): Operations Support development and demonstration
  - MoU with NRIC (pending): Joint activities



# Time Critical Strike Thrust FY01

**NSRP**

Naval Space  
Reserve Program



- 
- **Rapid, Precision Strike Demonstration Program**
    - **Leveraging Naval Fires Network (NFN) Technology**
      - » **Direct Downlink Receipt / Exploitation**
      - » **Direct Tasking of Theater / National Sensors**
      - » **Enhanced Multi-source Fusion / Correlation**
      - » **Multi-band Phase Array Antenna**
    - **Driving Navy's Time Critical Strike CONOPS**
  - **FBE-I - C3F aboard USS Coronado (June 01)**
    - **NWDC Maritime Battle Center - Demonstration Plans**
    - **CNO N8 / N6 - TCS Requirements and CONOPS**
    - **Preceded by 3 Limited Objective Experiments (LOEs)**

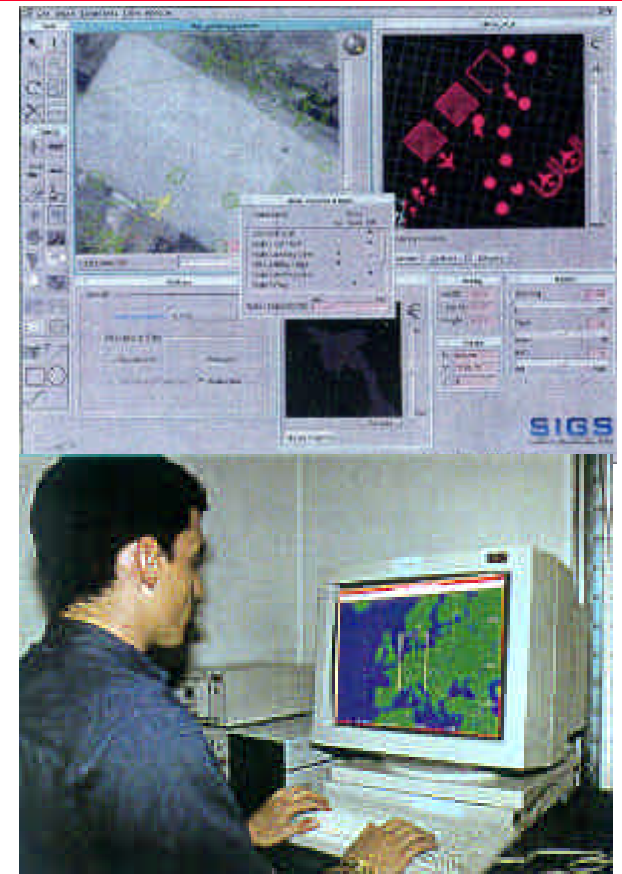




# Time Critical Strike Thrust FY01 (Cont'd)



- **NSRP C4ISR Expertise Essential**
  - Man Afloat Targeting Workstations
  - CONOPS Development
  - NFN Operation / Watchstanding
- **Potential Reimbursable ADT**
  - Cruise Missile Program Office
  - Naval Fires Network Program Office
  - CNO N6
- **Coalition with NRSGC & NRIC to Execute**





## NSRP Points of Contact



- 
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  - **CTOCS Stephen Wiley, NSRP Senior Enlisted Advisor**  
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  - **<http://nsrp.navspace.navy.mil/>**